INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents
Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	
Filing Date	
First Named Inventor	Herbert LIFKA et al.
Group Art Unit	10/528486
Examiner Name	
Attorney Docket Number	NL 020885

							
	Pleas	se charge any required fee under §1.17(i) or §1.17(p) or No. 14-1270.	or any othe	r required fee (ex	scept the issue fee) to		
1.	☐ I cert	ertify that these documents were first cited in any communication from a foreign Patent Office in a erpart foreign application not more than three (3) months ago.					
2.	☐ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.						
	Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.						
	A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.						
	A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No						
	5	reflect off for all earth	er effective	e filing date unde	er 35 U.S.C. 120).		
	X A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.						
	A con designate	ncise explanation of the relevance of each non-English ed in $\S1.56(c)$ most knowledgeable about the contents	document , is enclose	t, as understood bed per §1.98(a)(3	by the individual).		
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	cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.						
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
		Eric M. Bram		lo. (Attorney/Agent)	37,285		
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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

_of 1

(Use as many sheets as necessary)

Complete if Known				
Application Number	0/520406			
Filing Date	0/528486			
First Named Inventor	LIFKA et al.			
Art Unit				
Examiner Name				
Attorney Docket Number	NI 020885			

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,936,344	08-10-1999	Nagayama	
		^{US-} 5,294,869	03-15-1994	Tang et al.	
		^{US-} 5,701,055	12-23-1997	Nagayama et al.	
		^{US-} 5,962,970	10-05-1999	Yokoi et al.	
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)		Or Relevant Figures Appear	T ⁶		
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Examiner	Date		
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND** TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.